

PARUL UNIVERSITY
FACULTY OF ARCHITECTURE
B.Arch., Winter 2017-18 Examination

Semester: 5**Date: 07/Dec/2017****Subject Code: 01101305****Time: 2:00pm to 4:00pm****Subject Name: Landscape Architecture****Total Marks: 50**

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever required.
4. Draw suitable sketches wherever required.

Q:1 Describe the Concept of Rainwater Harvesting and its use in detail, with example of case studies and appropriate sketches. **(10)**

Q:2 Describe briefly with sketches: (Attempt any 5)

- a. Importance of Plants in Landscaping
- b. Difference between Landscaping and Gardening
- c. Describe Mughal Gardens
- d. Components of Ecosystem
- e. Describe criteria to keep in mind while designing Landscape for a small residential bungalow, with appropriate sketches. **(20)**
- f. Define:
 - i. Ingress
 - ii. Ground Cover
 - iii. Foliage of Tree
 - iv. Columnar Tree

Q:3 Short Questions: (Attempt any 5)

- a. Types of Plants in Hot and Dry Climate.
- b. Sketch elements of Chinese Garden Garden.
- c. Sketch: Sediment and Buffer. **(10)**
- d. Consideration of Plants in Parking area.
- e. Define: Scale and Structure.
- f. Define: Patch and Grain.

Q:4 Explain with appropriate sketches and case studies (Attempt any 2)

- a. Describe the role of water bodies in urban region and its impact on climate. **(10)**
- b. Explain process of Plantation and Transplantation.
- c. What are the principles of Landscaping. Discuss each in detail.